

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,546,937 B2  
APPLICATION NO. : 10/582472  
DATED : June 16, 2009  
INVENTOR(S) : Tsuneo Kondo et al.

Page 1 of 1

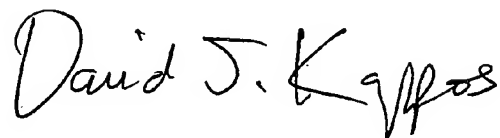
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, item (73), assignees are:

JFE Refractories Corporation (jointly held with Nippon Rotary Nozzle  
Co., Ltd.; JFE Mechanical Co., Ltd. and TYK Corporation)

Signed and Sealed this

Fourth Day of May, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*